

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848

Unit No.: 2507

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9 optical system for focusing the image of the object to be  
10 observed on the imaging device, and a light-source lamp  
11 encases by the casing for lighting the object to be observed  
12 through the viewing hole.

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1 7. (Amended) A magnifying observation apparatus that  
2 includes an image pick-up apparatus for reproducing, onto a  
3 monitor display, an image of an object located proximate the  
4 image pick-up apparatus [to be observed] which has been  
5 picked up by an image pick-up apparatus the [said] image  
6 pick-up apparatus including a casing having a viewing hole  
7 formed therein and further including [having incorporated  
8 therein] at least an imaging device, a control circuit unit  
9 for the imaging device, an optical system for focusing the  
10 image of [the] an object located proximate the viewing hole  
11 [to be observed] on the imaging device, and a light-source  
12 lamp for lighting the object to be observed, wherein said  
13 light-source lamp is formed as a lamp unit comprising a  
14 plurality of lamps arranged in a predetermined state on a  
15 board in such a manner that the entire lamp unit can be  
16 mounted to and removed from said image pick-up apparatus.

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Please add new claims 11-32 as follows:

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1 -- 11. (Newly added) A magnifying observation apparatus  
2 that includes an image pick-up apparatus for reproducing an  
3 image of an object located proximate the image pick-up  
4 apparatus onto a monitor display, said image pick-up  
5 apparatus comprising a casing having a viewing hole, the  
6 casing enclosing at least an imaging device, a control  
7 circuit unit for processing a signal received from the  
8 imaging device and emitting a video signal, an optical  
9 system for focusing the image of an object located proximate  
10 the viewing hole on the imaging device, and a light-source  
11 for lighting the object to be observed.

1 12. (Newly added) A magnifying observation apparatus  
2 according to Claim 11, wherein said light-source is a lamp  
3 unit that comprises at least one lamp arranged on a board  
4 such that the lamp unit can be mounted to and removed from  
5 said image pick-up apparatus.

1 13. (Newly added) A magnifying observation apparatus  
2 according to Claim 11, wherein a front end portion of said  
3 image pick-up apparatus is bent sideways.

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1           14. (Newly added) A magnifying observation apparatus  
2           according to Claim 11, wherein an objective lens of said  
3           optical system and said imaging device slide in interlock  
4           with each other.

1           15. (Newly added) A magnifying observation apparatus  
2           according to Claim 11, wherein the image pick-up apparatus  
3           is connected to the monitor by a wire that transmits  
4           information from the imaging device to the monitor.

1           16. (Newly added) A magnifying observation apparatus  
2           that includes an image pick-up apparatus for reproducing an  
3           image of an object, <sup>located proximate the image pick-up apparatus</sup> onto a monitor display, said image pick-  
4           up apparatus comprising a casing, the casing enclosing at  
5           least an imaging device, a control circuit unit for the  
6           imaging device, an optical system for focusing the image of  
7           an object onto the imaging device, and a light-source lamp  
8           means for lighting the object to be observed.

1           17. (Newly added) A magnifying observation apparatus  
2           according to Claim 16, wherein said light-source lamp means

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3 is a lamp unit that comprises at least one lamp arranged on  
4 a board such that the lamp unit can be mounted to and  
5 removed from said image pick-up apparatus.

1 18. (Newly added) A magnifying observation apparatus  
2 according to Claim 16, wherein a front end portion of said  
3 image pick-up apparatus is bent sideways.

1 19. (Newly added) A magnifying observation apparatus  
2 according to Claim 16, further comprising a viewing hole  
3 formed in the casing and wherein said optical system focuses  
4 the image of an object located proximate the viewing hole on  
5 the imaging device.

1 20. (Newly added) A magnifying observation apparatus  
2 according to Claim 16, wherein an objective lens of said  
3 optical system and said imaging device slide in interlock  
4 with each other to adjust magnification.

1 21. (Newly added) A magnifying observation apparatus  
2 according to Claim 16, wherein an objective lens of said  
3 optical system is movable to adjust magnification.

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1           22. (Newly added) A magnifying observation apparatus  
2           according to Claim 16, wherein the image pick-up apparatus  
3           is connected to the monitor by a wire that transmits a video  
4           signal from the imaging device to the monitor.

1           23. (Newly added) A magnifying observation apparatus  
2           that includes an image pick-up apparatus for reproducing an  
3           image of an object located proximate the image pick-up  
4           apparatus onto a monitor display, said image pick-up  
5           apparatus comprising a casing having a viewing hole, the  
6           casing enclosing at least an imaging device, a control  
7           circuit unit for the imaging device, an optical system for  
8           focusing the image of an object located proximate the  
9           viewing hole on the imaging device, the optical system  
10          comprising an objective lens that is movable to adjust  
11          magnification.

1           24. (Newly added) A magnifying observation apparatus  
2           according to Claim 23, further comprising a light-source  
3           lamp unit that includes at least one lamp arranged on a  
4           board such that the lamp unit can be mounted to and removed  
5           from said image pick-up apparatus.

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1           25. (Newly added) A magnifying observation apparatus  
2           according to Claim 23, wherein a front end portion of said  
3           image pick-up apparatus is bent sideways.

1           26. (Newly added) A magnifying observation apparatus  
2           according to Claim 23, wherein an objective lens of said  
3           optical system and said imaging device slide in interlock  
4           with each other to adjust magnification.

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1           27. (Newly added) A magnifying observation apparatus  
2           according to Claim 23, wherein the image pick-up apparatus  
3           is connected to the monitor by a wire that transmits  
4           information from the imaging device to the monitor.

1           28. (Newly added) A magnifying observation apparatus  
2           that includes an image pick-up apparatus for reproducing an  
3           image of an object located proximate the image pick-up  
4           apparatus onto a monitor display, said image pick-up  
5           apparatus comprising a casing having a viewing hole, an  
6           imaging device that is movable in relation to the viewing  
7           hole, the observation apparatus further comprising a control  
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9 circuit unit for the imaging device, an optical system  
10 located in the image pick-up apparatus for focusing the  
11 image of an object located proximate the viewing hole, the  
12 optical system comprising an objective lens that is movable  
13 to adjust magnification.

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1 29. (Newly added) A magnifying observation apparatus  
2 according to Claim 28, further comprising a light-source  
3 lamp unit that includes at least one lamp arranged in the  
4 image pick-up apparatus casing on a board such that the lamp  
5 unit can be mounted to and removed from said image pick-up  
6 apparatus.

1 30. (Newly added) A magnifying observation apparatus  
2 according to Claim 28, wherein a front end portion of said  
3 image pick-up apparatus is bent sideways.

1 31. (Newly added) A magnifying observation apparatus  
2 according to Claim 28, wherein an objective lens of said  
3 optical system and said imaging device slide in interlock  
4 with each other to adjust magnification.